



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Lynch *et al.*

Appl. No. 09/961,381

Filed: September 25, 2001

For: **Model for Neurodegenerative  
Diseases Involving Amyloid  
Accumulation**

Confirmation No. 7154

Art Unit: 1632

Examiner: Crouch, D.

Atty. Docket: 1819.0040001/MAC/LBB

**First Supplemental Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450  
Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this First Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Information Disclosure Statement filed electronically herewith, in connection with the above-captioned application. A copy of each document is also provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This First Supplemental Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

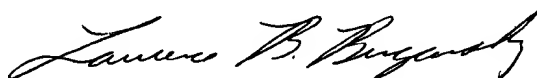
This IDS is being filed as two submissions on the same day. One submission is electronic and one submission is non-electronic. It is believed that only one fee under 37 C.F.R. §1.17(p) is required to cover both submissions. That fee is included with this non-electronic submission. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Lawrence B. Bugaisky  
Attorney for Applicants  
Registration No. 35,086

Date: April 14, 2004  
1100 New York Avenue, N.W.  
Washington, D.C. 20005-3934  
(202) 371-2600



FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

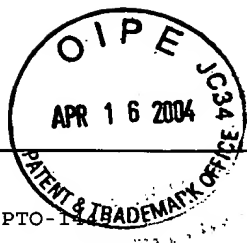
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 92/00091 A1	01/09/1992	WIPO			Yes No
	AM1	WO 93/20242 A1	10/14/1993	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>1</u>	Akiyama, H., et al., "Inflammation and Alzheimer's disease," <i>Neurobiol. Aging</i> 21:383-421, Elsevier Science (May-June 2000)
	AS	<u>1</u>	Backstrom, J.R., et al., "Matrix Metalloproteinase-9 (MMP-9) Is Synthesized in Neurons of the Human Hippocampus and Is Capable of Degrading the Amyloid- $\beta$ Peptide (1-40)," <i>J. Neurosci.</i> 16:7910-7919, Society for Neuroscience (1996)
	AT	<u>1</u>	Bahr, B.A., et al., "Stable Maintenance of Glutamate Receptors and Other Synaptic Components in Long-Term Hippocampal Slices," <i>Hippocampus</i> 5:425-439, Wiley-Liss (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-11 <b>FIRST SUPPLEMENTAL  INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	2	Bahr, B.A., et al., "Amyloid $\beta$ Protein is Internalized Selectively by Hippocampal Field CA1 and Causes Neurons to Accumulate Amyloidogenic Carboxyterminal Fragments of the Amyloid Precursor Protein," <i>J. Comp. Neurol.</i> 397:139-147, Wiley-Liss (1998)
	AS	2	Bahr, B., and Lynch, G., "Purification of an Arg-Gly-Asp selective matrix receptor from brain synaptic plasma membranes," <i>Biochem. J.</i> 281:137-142, The Biochemical Society/Portland Press (1992)
	AT	2	Bahr, B.A., et al., "Fibronectin binding by brain synaptosomal membranes may not involve conventional integrins," <i>Neuroreport</i> 2:13-16, Rapid Communications of Oxford (1991)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <u>FIRST SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

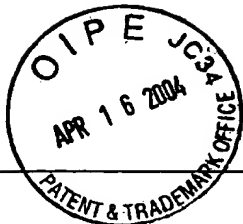
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Bahr, B.A., et al., "Arg-Gly-Asp-Ser-Selective Adhesion and the Stabilization of Long-Term Potentiation: Pharmacological Studies and the Characterization of a Candidate Matrix Receptor," <i>J. Neurosci.</i> 17:1320-1329, Society for Neuroscience (1997)
	AS	<u>3</u>	Bahr, B.A., "Integrin-Type Signaling Has a Distinct Influence on NMDA-Induced Cytoskeletal Disassembly," <i>J. Neurosci. Res.</i> 59:827-832, Wiley-Liss (March 2000)
	AT	<u>3</u>	Bard, F., et al., "Peripherally administered antibodies against amyloid $\beta$ -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nat. Med.</i> 6:916-919, Nature America Inc. (August 2000)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <u>FIRST SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>4</u>	Barrett, A.J., and Kirschke, H., "Cathepsin B, Cathepsin H, and Cathepsin L," <i>Meth. Enzymol.</i> 80:535-561, Academic Press (1981)	
AS	<u>4</u>	Beattie, E.C., et al., "Regulation of AMPA receptor endocytosis by a signaling mechanism shared with LTD," <i>Nat. Neurosci.</i> 3:1291-1300, Nature America Inc. (December 2000)	
AT	<u>4</u>	Bednarski, E., and Lynch, G., "Cytosolic Proteolysis of $\tau$ by Cathepsin D in Hippocampus Following Suppression of Cathepsins B and L," <i>J. Neurochem.</i> 67:1846-1855, Lippincott-Raven Publishers (1996)	

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1819.0040001/MAC/LBBAPPLICATION NO.  
09/961,381APPLICANT  
Lynch et al.FILING DATE  
September 25, 2001GROUP  
1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	Bednarski, E., and Lynch, G., "Selective suppression of cathepsin L results from elevations in lysosomal pH and is followed by proteolysis of tau protein," <i>NeuroReport</i> 9:2089-2094, Rapid Science (1998)
	AS	<u>5</u>	Bi, X., et al., "Polarized Distribution of $\alpha 5$ Integrin in Dendrites of Hippocampal and Cortical Neurons," <i>J. Comp. Neurol.</i> 435:184-193, Wiley-Liss (June 2001)
	AT	<u>5</u>	Bi, X., et al., "Novel Cathepsin D Inhibitors Block the Formation of Hyperphosphorylated Tau Fragments in Hippocampus," <i>J. Neurochem.</i> 74:1469-1477, Lippincott Williams & Wilkins (April 2000)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>6</u>	Brion, J.-P., et al., "Neurofilament Monoclonal Antibodies RT97 and 8D8 Recognize Different Modified Epitopes in Paired Helical Filament- $\tau$ in Alzheimer's Disease," <i>J. Neurochem.</i> 60:1372-1382, Raven Press (1993)	
AS	<u>6</u>	Bruce, A.J., et al., " $\beta$ -Amyloid toxicity in organotypic hippocampal cultures: Protection by EUK-8, a synthetic catalytic free radical scavenger," <i>Proc. Natl. Acad. Sci. USA</i> 93:2312-2316, National Academy of Sciences (1996)	
AT	<u>6</u>	Burkin, D.J., et al., "A Functional Role for Specific Spliced Variants of the $\alpha$ 7 $\beta$ 1 Integrin in Acetylcholine Receptor Clustering," <i>J. Cell Biol.</i> 143:1067-1075, The Rockefeller University Press (1998)	

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE /	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	7	Burnashev, N., et al., "Control of Asparagine Residues of Calcium Permeability and Magnesium Blockade in the NMDA Receptor," <i>Science</i> 257:1415-1419, American Association for the Advancement of Science (1992)
	AS	7	Busciglio, J., et al., "Generation of $\beta$ -amyloid in the secretory pathway in neuronal and nonneuronal cells," <i>Proc. Natl. Acad. Sci. USA</i> 90:2092-2096, National Academy of Sciences (1993)
	AT	7	Callahan, L.M., et al., "Quantitative Decrease in Synaptophysin Message Expression and Increase in Cathepsin D Message Expression in Alzheimer Disease Neurons Containing Neurofibrillary Tangles," <i>J. Neuropathol. Exp. Neurol.</i> 58:275-287, American Association of Neuropathologists (March 1999)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <b>FIRST SUPPLEMENTAL          INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	8	Carroll, R.C., et al., "Dynamin-dependent endocytosis of ionotropic glutamate receptors," <i>Proc. Natl. Acad. Sci. USA</i> 96:14112-14117, National Academy of Sciences (November 1999)
	AS	8	Caswell, M.D., et al., "The amyloid $\beta$ -protein precursor of Alzheimer's disease is degraded extracellularly by a Kunitz protease inhibitor domain-sensitive trypsin-like serine protease in cultures of chick sympathetic neurons," <i>Eur. J. Biochem.</i> 266:509-516, Blackwell Science (December 1999)
	AT	8	Cataldo, A.M., et al., "Gene Expression and Cellular Content of Cathepsin D in Alzheimer's Disease Brain: Evidence for Early Up-Regulation of the Endosomal-Lysosomal System," <i>Neuron</i> 14:671-680, Cell Press (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>2</u>	Chavis, P., and Westbrook, G., "Integrins mediate functional pre- and postsynaptic maturation at a hippocampal synapse," <i>Nature</i> 411:317-321, Nature Publishing Group (May 2001)
	AS	<u>2</u>	Chazot, P.L., "CP-101606," <i>Curr. Opin. Investig. Drugs</i> 1:370-374, PharmaPress (November 2000)
	AT	<u>2</u>	Chen, C., et al., "'Analogous' Organic Synthesis of Small-Compound Libraries: Validation of Combinatorial Chemistry in Small-Molecule Synthesis," <i>J. Am. Chem. Soc.</i> 116:2661-2662, American Chemical Society (1994)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

**FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**ATTY. DOCKET NO.  
1819.0040001/MAC/LBBAPPLICATION NO.  
09/961,381APPLICANT  
Lynch et al.FILING DATE  
September 25, 2001GROUP  
1632**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

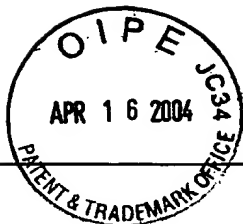
**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>10</u>	Chun, D., et al., "Evidence that Integrins Contribute to Multiple Stages in the Consolidation of Long Term Potentiation in Rat Hippocampus," <i>Neurosci.</i> 105:815-829, Elsevier Science (August 2001)
	AS	<u>10</u>	Cotran, R.S., et al., "Forebrain Anomalies," in <i>Robbins Pathologic Basis of Disease</i> , 6 <sup>th</sup> ed., Schmitt, B., ed., W.B. Saunders Co., Philadelphia, PA, p. 1300-1301 (1998)
	AT	<u>10</u>	Cotran, R.S., et al., "Neurofibrillary tangles," in <i>Robbins Pathologic Basis of Disease</i> , 6 <sup>th</sup> ed., Schmitt, B., ed., W.B. Saunders Co., Philadelphia, PA, p.1330 (1998)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>11</u>	Cras, P., et al., "Microglia are associated with the extracellular neurofibrillary tangles of Alzheimer disease," <i>Brain Res.</i> 558:312-314, Elsevier Science B.V. (1991)
AS	<u>11</u>	Dunah, A.W., et al., " $\alpha$ -Actinin-2 in rat striatum: localization and interaction with NMDA glutamate receptor subunits," <i>Brain Res. Mol. Brain Res.</i> 79:77-87, Elsevier Science B.V. (June 2000)
AT	<u>11</u>	Ehlers, M.D., "Reinsertion or Degradation of AMPA Receptors Determined Activity-Dependent Endocytic Sorting," <i>Neuron</i> 28:511-525, Cell Press (November 2000)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>12</u>	Fox, N., et al., "Seeing what Alzheimer saw-with magnetic resonance microscopy," <i>Nat. Med.</i> 6:20-21, Nature America (January 2000)
	AS	<u>12</u>	Frenkel, D., et al., "Immunization against Alzheimer's $\beta$ -amyloid plaques via EFRH phage administration," <i>Proc. Natl. Acad. Sci. USA</i> 97:11455-11459, National Academy of Sciences (October 2000)
	AT	<u>12</u>	Games, D., et al., "Lack of Alzheimer Pathology After $\beta$ -Amyloid Protein Injections in Rat Brain," <i>Neurobiol. Aging</i> 13:569-576, Pergamon Press (1992)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>13</u>	Ghiso, J., et al., "A 109-amino-acid C-terminal fragment of Alzheimer's-disease amyloid precursor protein contains a sequence, -RHDS-, that promotes cell adhesion," <i>Biochem. J.</i> 288:1053-1059, Portland Press (1992)	
AS	<u>13</u>	Ginsberg, S.D., et al., "Expression Profile of Transcripts in Alzheimer's Disease Tangle-Bearing CA1 Neurons," <i>Ann. Neurol.</i> 48:77-87, Lippincott Williams & Wilkins (July 2000)	
AT	<u>13</u>	Gordon, I., et al., "Memory deficits and cholinergic impairments in apolipoprotein E-deficient mice," <i>Neurosci. Lett.</i> 199:1-4, Elsevier Science Ireland (1995)	

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1819.0040001/MAC/LBBAPPLICATION NO.  
09/961,381APPLICANT  
Lynch et al.FILING DATE  
September 25, 2001GROUP  
1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>14</u>	Gottlieb, T.A., et al., "Actin Microfilaments Play a Critical Role in Endocytosis at the Apical but not the Basolateral Surface of Polarized Epithelial Cells," <i>J. Cell Biol.</i> 120:695-710, The Rockefeller University Press (1993)
	AS	<u>14</u>	Gouras, G.K., et al., "Intraneuronal A $\beta$ 42 Accumulation in Human Brain," <i>Am. J. Pathol.</i> 156:15-20, American Society for Investigative Pathology (January 2000)
	AT	<u>14</u>	Guénette, S.Y., and Tanzi, R.E., "Progress toward valid transgenic mouse models for Alzheimer's disease," <i>Neurobiol. Aging</i> 20:201-211, Elsevier Science (March-April 1999)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449  <u>FIRST SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	15	Haass, C., et al., "Mutations Associated with a Locus for Familial Alzheimer's Disease Result in Alternative Processing of Amyloid $\beta$ -Protein Precursor," <i>J. Biol. Chem.</i> 269:17741-17748, The American Society for Biochemistry and Molecular Biology (1994)
	AS	15	Haass, C., et al., "Targeting of cell-surface $\beta$ -amyloid precursor protein to lysosomes: alternative processing into amyloid-bearing fragments," <i>Nature</i> 357:500-503, Macmillan Magazines (1992)
	AT	15	Harper, J.D., and Lansbury, Jr., P.T., "Models of Amyloid Seeding in Alzheimer's Disease and Scrapie: Mechanistic Truths and Physiological Consequences of the Time-Dependent Solubility of Amyloid Proteins," <i>Annu. Rev. Biochem.</i> 66:385-407, Annual Reviews Inc. (1997)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>16</u>	Harris-White, M.E., et al., "Effects of Transforming Growth Factor- $\beta$ (Isoforms 1-3) on Amyloid- $\beta$ Deposition, Inflammation, and Cell Targeting in Organotypic Hippocampal Slice Cultures," <i>J. Neurosci</i> 18:10366-10374, Society for Neuroscience (1998)
	AS	<u>16</u>	Hoffman, K.B., et al., " $\beta$ -Amyloid increases cathepsin D levels in hippocampus," <i>Neurosci. Lett.</i> 250:75-78, Elsevier Science Ireland (1998)
	AT	<u>16</u>	Hsia, A.Y., et al., "Plaque-independent disruption of neural circuits in Alzheimer's disease mouse models," <i>Proc. Natl. Acad. Sci. USA</i> 96:3228-3233, National Academy of Sciences (March 1999)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>17</u>	Huang, T.-F., "What have snakes taught us about integrins," <i>Cell. Mol. Life Sci.</i> 54:527-540, Birkhäuser Verlag (1998)
	AS	<u>17</u>	Huse, W.D., et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> 246:1275-1281, American Association for the Advancement of Science (1989)
	AT	<u>17</u>	Isberg, R.R., and Tran Van Nhieu, G., "Binding and internalization of microorganisms by integrin receptors," <i>Trends Microbiol.</i> 2:10-14, Elsevier Science (1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <u>FIRST SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>18</u>	Iwata, N., et al., "Identification of the major A $\beta$ <sub>1-42</sub> -degrading catabolic pathway in brain parenchyma: Suppression leads to biochemical and pathological deposition," <i>Nat. Med.</i> 6:143-150, Nature America Inc. (February 2000)
	AS	<u>18</u>	Janus, C., et al., "Transgenic mouse models of Alzheimer's disease," <i>Biochim. Biophys. Acta</i> 1502:63-75, Elsevier Science B.V. (July 2000)
	AT	<u>18</u>	Kang, J., et al., "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor," <i>Nature</i> 325:733-736, Macmillan Journals (1987)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>19</u>	Kato, H., et al., "Graded expression of immunomolecules on activated microglia in the hippocampus following ischemic in a rat model of ischemic tolerance," <i>Brain Res.</i> 694:85-93, Elsevier Science B.V. (1995)
	AS	<u>19</u>	Köhler, G., and Milstein, C., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> 256:495-497, Macmillan Journals (1975)
	AT	<u>19</u>	Kuo, Y.-M., et al., "Water-soluble A $\beta$ (N-40, N-42) Oligomers in Normal and Alzheimer Disease Brains," <i>J. Biol. Chem.</i> 271:4077-4081, The American Society for Biochemistry and Molecular Biology (1996)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>20</u>	Labat-Robert, J., "Cell-Matrix Interaction, Alterations with Aging, Involvement in Angiogenesis," <i>Pathol. Biol. (Paris)</i> 46:527-533, Expansion Scientifique Francaise (1998)	
AS	<u>20</u>	Le Varlet, B., et al., "Age-Related Functional and Structural Changes in Human Dermo-Epidermal Junction Components," <i>J. Investig. Dermatol. Symp. Proc.</i> 3:172-179, The Society for Investigative Dermatology, Inc. (1998)	
AT	<u>20</u>	Marsh, M., and McMahon, H.T., "The Structural Era of Endocytosis," <i>Science</i> 285:215-220, American Association for the Advancement of Science (July 1999)	

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

**FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

ATTY. DOCKET NO.  
1819.0040001/MAC/LBB

APPLICATION NO.  
09/961,381

APPLICANT  
Lynch et al.

FILING DATE  
September 25, 2001

GROUP  
1632

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>21</u>	Matter, M.L., et al., "The $\alpha 5 \beta 1$ Integrin Mediates Elimination of Amyloid- $\beta$ Peptide and Protects Against Apoptosis," <i>J. Cell. Biol.</i> 141:1019-1030, The Rockefeller University Press (1998)
	AS	<u>21</u>	Miller, D.L., et al., "Peptide Compositions of the Cerebrovascular and Senile Plaque Core Amyloid Deposits of Alzheimer's Disease," <i>Arch. Biochem. Biophys.</i> 301:41-52, Academic Press (1993)
	AT	<u>21</u>	Morgan, D., et al., "A $\beta$ peptide vaccination prevents memory loss in an animal model of Alzheimer's disease," <i>Nature</i> 408:982-985, Nature Publishing Group (December 2000)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1819.0040001/MAC/LBBAPPLICATION NO.  
09/961,381APPLICANT  
Lynch et al.FILING DATE  
September 25, 2001GROUP  
1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>22</u>	Morris, J.C., "The Clinical Dementia Rating (CDR): Current version and scoring rules," <i>Neurology</i> 43:2412-2414, Advanstar Communications (1993)
	AS	<u>22</u>	Mucke, L., et al., "High-Level Neuronal Expression of A $\beta$ <sub>1-42</sub> in Wild-Type Human Amyloid Protein Precursor Transgenic Mice: Synaptotoxicity without Plaque Formation," <i>J. Neurosci.</i> 20:4050-4058, Society for Neuroscience (June 2000)
	AT	<u>22</u>	Mueller, A.L., et al., "NPS 1506, A Novel NMDA Receptor Antagonist and Neuroprotectant," <i>Ann. N.Y. Acad Sci.</i> 890:450-457, New York Academy of Sciences (December 1999)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

	AR	<u>23</u>	Muller, D., et al., "Time course of synaptic development in hippocampal organotypic cultures," <i>Dev. Brain Res.</i> 71:93-100, Elsevier Science B.V. (1993)
	AS	<u>23</u>	Murphy, Jr., G.M., et al., "Expression of Macrophage Colony-Stimulating Factor receptor Is Increased in the A $\beta$ PP <sup>V717F</sup> Transgenic Mouse Model of Alzheimer's Disease," <i>Am. J. Pathol.</i> 157:895-904, American Society for Investigative Pathology (September 2000)
	AT	<u>23</u>	Nakanishi, H., et al., "Age-Related Changes in Activities and Localizations of Cathepsins D, E, B, and L in the Rat Brain Tissues," <i>Exp. Neurol.</i> 126:119-128, Academic Press (1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	24	Nathan, B.P., et al., "Apolipoprotein E3- and E4-Induced Differences in Neurite Outgrowth Are Associated with Differences in the Subcellular Localization of Apolipoprotein E," Soc. Neurosci. 20(Part 2):1033, Abs. No. 421.5, Society for Neuroscience (1994)	
AS	24	NCBI Entrez, Genbank Report, Accession No. D00466, Rajavashisth, T.B., et al. (1993)	
AT	24	NCBI Entrez, Genbank Report, Accession No. M10065, Das, H.K., et al. (1993)	

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>25</u>	Nemerow, G.R., and Stewart, P.L., "Role of $\alpha_v$ Integrins in Adenovirus Cell Entry and Gene Delivery," Microbiol. Mol. Biol. Rev. 63:725-734, American Society for Microbiology (September 1999)
	AS	<u>25</u>	Palmer, G.C., "Neuroprotection by NMDA Receptor Antagonists in a Variety of Neuropathologies," Curr. Drug Targets 2:241-271, Bentham Science Publishers (September 2001)
	AT	<u>25</u>	Perlmutter, L.S., et al., "Morphological association between microglia and senile plaque amyloid in Alzheimer's disease," Neurosci. Lett. 119:32-36, Elsevier Scientific Publishers Ireland (1990)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	26	Peterson, R.C., et al., "Apolipoprotein E Status as a Predictor of the Development of Alzheimer's Disease in Memory-Impaired Individuals," <i>J. Am. Med. Assoc.</i> 273:1274-1278, American Medical Association (1995)	
AS	26	Pierschbacher, M.D., and Ruoslahti, E., "Cell attachment activity of fibronectin can be duplicated by small synthetic fragments of the molecule," <i>Nature</i> 309:30-33, Macmillan Journals (1984)	
AT	26	Pinkstaff, J.K., et al., "Integrin Subunit Gene Expression Is Regionally Differentiated in Adult Brain," <i>J. Neurosci.</i> 19:1541-1556, Society for Neuroscience (March 1999)	

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>27</u>	Plump, A.S., et al., "Severe Hypercholesterolemia and Atherosclerosis in Apolipoprotein E-Deficient Mice Created by Homologous Recombination in ES Cells," Cell 71:343-353, Cell Press (1992)
	AS	<u>27</u>	Podlisny, M.B., et al., "Microinjection of Synthetic Amyloid $\beta$ -Protein in Monkey Cerebral Cortex Fails to Produce Acute Neurotoxicity," Am. J. Pathol. 142:17-24, American Society for Investigative Pathology (1993)
	AT	<u>27</u>	Porter, J.C., and Hogg, N., "Integrins take partners: cross-talk between integrins and other membrane receptors," Trends Cell Biol. 8:390-396, Elsevier Science (1998)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>28</u>	Proescholdt, M., et al., "Neuroprotection of S(+) ketamine isomer in global forebrain ischemia," <i>Brain Res.</i> 904:245-251, Elsevier Science B.V. (June 2001)
	AS	<u>28</u>	Qiu, W.Q., et al., "Insulin-degrading Enzyme Regulates Extracellular Levels of Amyloid $\beta$ -Protein by Degradation," <i>J. Biol. Chem.</i> 273:32730-32738, The American Society for Biochemistry and Molecular Biology (1998)
	AT	<u>28</u>	Rao, V.L.R., et al., "Neuroprotection by memantine, a non-competitive NMDA receptor antagonist after traumatic brain injury in rats," <i>Brain Res.</i> 911:96-100, Elsevier Science B.V. (August 2001)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 2px;">           ATTY. DOCKET NO. 1819.0040001/MAC/LBB         </td> <td style="width:50%; padding: 2px;">           APPLICATION NO. 09/961,381         </td> </tr> <tr> <td colspan="2" style="padding: 2px;">           APPLICANT Lynch et al.         </td> </tr> <tr> <td style="padding: 2px;">           FILING DATE September 25, 2001         </td> <td style="padding: 2px;">           GROUP 1632         </td> </tr> </table>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381	APPLICANT Lynch et al.		FILING DATE September 25, 2001	GROUP 1632
ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381						
APPLICANT Lynch et al.							
FILING DATE September 25, 2001	GROUP 1632						

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

#### OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>29</u>	Ruoslahti, E., "RGD and Other Recognition Sequences for Integrins," <i>Annu. Rev. Cell Dev. Biol.</i> 12:697-715, Annual Reviews Inc. (1996)
	AS	<u>29</u>	Sabo, S., et al., "Interaction of beta-amyloid peptides with integrins in a human nerve cell line," <i>Neurosci. Lett.</i> 184:25-28, Elsevier Science Ireland (1995)
	AT	<u>29</u>	Schenk, D., et al., "Immunization with amyloid- $\beta$ attenuates Alzheimer-disease-like pathology in the PDAPP mouse," <i>Nature</i> 400:173-177, Macmillan Magazines (July 1999)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>30</u>	Scheuner, D., et al., "Secreted amyloid $\beta$ -protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the presenilin 1 and 2 and APP mutations linked to familial Alzheimer's disease," Nat. Med. 2:864-870, Nature Publishing Co. (1996)
	AS	<u>30</u>	Seiler, C., and Nicolson, T., "Defective Calmodulin-Dependent Rapid Apical Endocytosis in Zebrafish Sensory Hair Cell Mutants," J. Neurobiol. 41:424-434, John Wiley & Sons (November 1999)
	AT	<u>30</u>	Selkoe, D.J., "Cell Biology of the Amyloid $\beta$ -Protein Precursor and the Mechanism of Alzheimer's Disease," Annu. Rev. Cell. Biol. 10:373-403, Annual Reviews Inc. (1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>31</u>	Selkoe, D.J., "Imaging Alzheimer's amyloid," <i>Nat. Biotechnol.</i> 18:823-824, Nature America (August 2000)
	AS	<u>31</u>	Shoji, M., et al., "Production of the Alzheimer Amyloid $\beta$ Protein by Normal Proteolytic Processing," <i>Science</i> 258:126-129, American Association for the Advancement of Science (1992)
	AT	<u>31</u>	Steiner, H., et al., "Genes and mechanisms involved in $\beta$ -amyloid generation and Alzheimer's disease," <i>Eur. Arch. Psychiatry Clin. Neurosci.</i> 249:266-270, Springer-Verlag (December 1999)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>32</u>	Stoppini, L., et al., "A simple method for organotypic cultures of nervous tissue," <i>J. Neurosci. Meth.</i> 37:173-182, Elsevier Science B.V. (1991)
	AS	<u>32</u>	Strimmatter, W.J., et al., "Hypothesis: Microtubule Instability and Paired Helical Filament Formation in the Alzheimer Disease Brain Are Related to Apolipoprotein E Genotype," <i>Exp. Neurol.</i> 125:163-171, Academic Press (1994)
	AT	<u>32</u>	Sturchler-Pierrat, C., and Sommer, B., "Transgenic Animals in Alzheimer's Disease Research," <i>Rev. Neurosci.</i> 10:15-24, Freund & Pettman (January 1999)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>33</u>	Suzuki, N., et al., "An Increased Percentage of Long Amyloid $\beta$ Protein Secreted by Familial Amyloid $\beta$ Protein Precursor ( $\beta$ APP <sub>717</sub> ) Mutants," <i>Science</i> 264:1336-1340, American Association for the Advancement of Science (1994)
	AS	<u>33</u>	Torimoto, Y., et al., "A Monoclonal Antibody (8H3) that Binds to Rat T Lineage Cells and Augments In Vitro Proliferative Responses," <i>J. Exp. Med.</i> 172:1315-1323, The Rockefeller University Press (1990)
	AT	<u>33</u>	Tsao, P.W., and Mousa, S.A., "Thrombospondin Mediates Calcium Mobilization in Fibroblasts via Its Arg-Gly-Asp and Carboxyl-terminal Domains," <i>J. Biol. Chem.</i> 270:23747-23753, The American Society for Biochemistry and Molecular Biology (1995)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1819.0040001/MAC/LBBAPPLICATION NO.  
09/961,381APPLICANT  
Lynch et al.FILING DATE  
September 25, 2001GROUP  
1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>34</u>	van Leuven, F., "Single and multiple transgenic mice as models for Alzheimer's disease," <i>Prog. Neurobiol.</i> 61:305-312, Elsevier Science (June 2000)
	AS	<u>34</u>	Vekrellis, K., et al., "Neurons Regulate Extracellular Levels of Amyloid $\beta$ -Protein via Proteolysis by Insulin-Degrading Enzyme," <i>J. Neurosci.</i> 20:1657-1665, Society for Neuroscience (March 2000)
	AT	<u>34</u>	Vigo-Pelfrey, C., et al., "Characterization of $\beta$ -Amyloid Peptide from Human Cerebrospinal Fluid," <i>J. Neurochem.</i> 61:1965-1968, Raven Press (1993)

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>35</u>	Vincent, I., et al., "Mitotic Phosphopeptides Precede Paired Helical Filaments in Alzheimer's Disease," <i>Neurobiol. Aging</i> 19:287-296, Elsevier Science (1998)
	AS	<u>35</u>	Walsh, D.M., et al., "The Oligomerization of Amyloid $\beta$ -Protein Begins Intracellularly in Cells Derived from Human Brain," <i>Biochemistry</i> 39:10831-10839, American Chemical Society (Published on the Web, August 2000)
	AT	<u>35</u>	Ward, E.S., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> 341:544-546, Macmillan Magazines (1989)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  <u>FIRST SUPPLEMENTAL</u> <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>36</u>	Woods, A.G., et al., "Dexamethasone Selectively Suppresses Microglial Trophic Responses to Hippocampal Deafferentation,,," <i>Neurosci.</i> 91:1277-1289, Elsevier Science (July 1999)
	AS	<u>36</u>	Wu, X., et al., "Modulation of Calcium Current in Arteriolar Smooth Muscle by $\alpha_v\beta_3$ and $\alpha_5\beta_1$ Integrin Ligands," <i>J. Cell Biol.</i> 143:241-252, The Rockefeller University Press (1998)
	AT	<u>36</u>	Yamazaki, T., et al., "Cell Surface Amyloid $\beta$ -Protein Precursor Colocalizes with $\beta 1$ Integrins at Substrate Contact Sites in Neural Cells," <i>J. Neurosci.</i> 17:1004-1010, Society for Neuroscience (1997)

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	37	Yang, A.J., et al., "Loss of Endosomal/Lysosomal Membrane Impermeability Is an Early Event in Amyloid A $\beta$ 1-42 Pathogenesis," J. Neurosci. Res. 52:691-698, Wiley-Liss (1998)	
AS	37	International Search Report for International Patent Application No. PCT/US01/29788, mailed June 21, 2002.	
AT			

EXAMINER	DATE CONSIDERED
----------	-----------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.